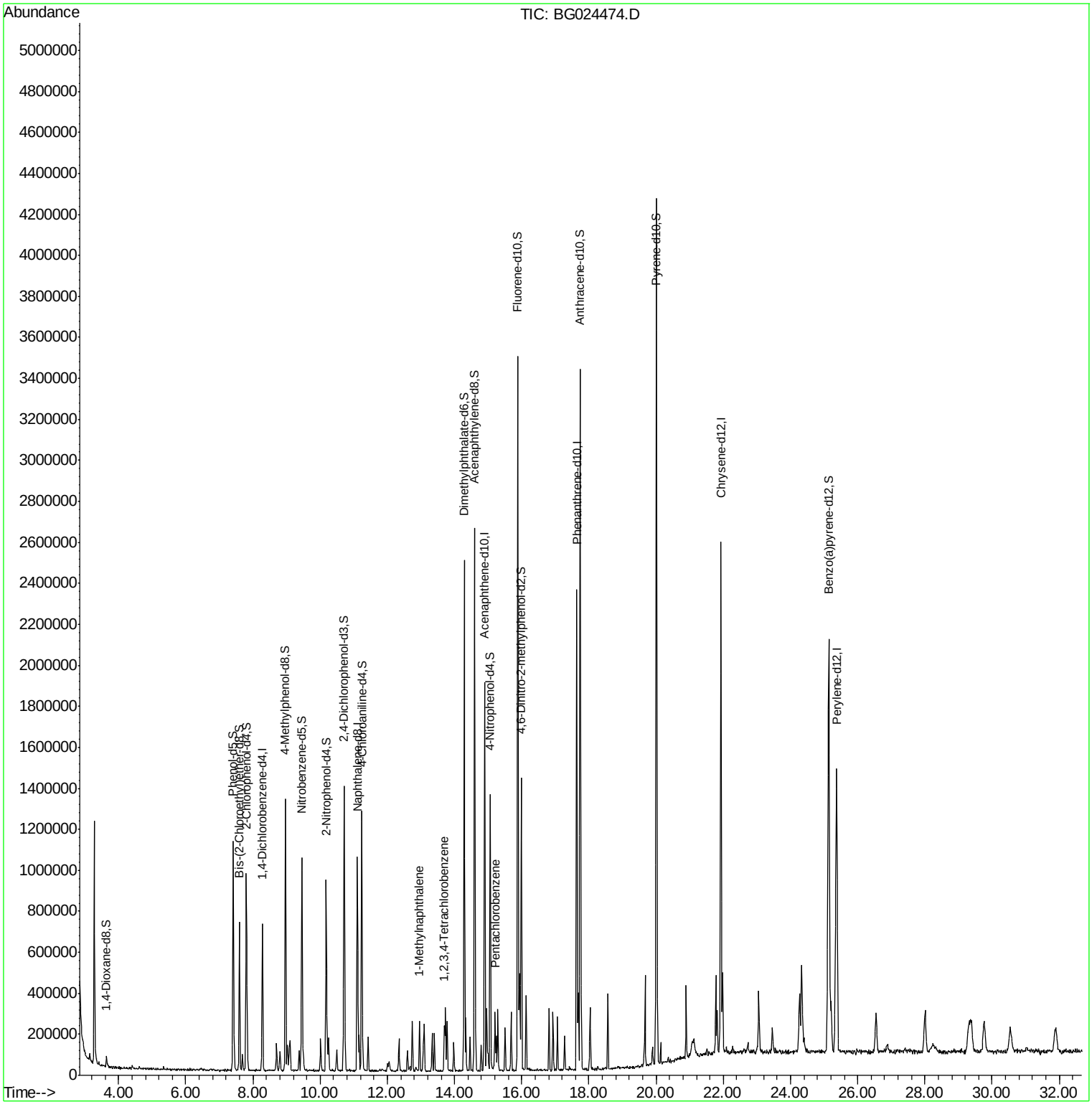
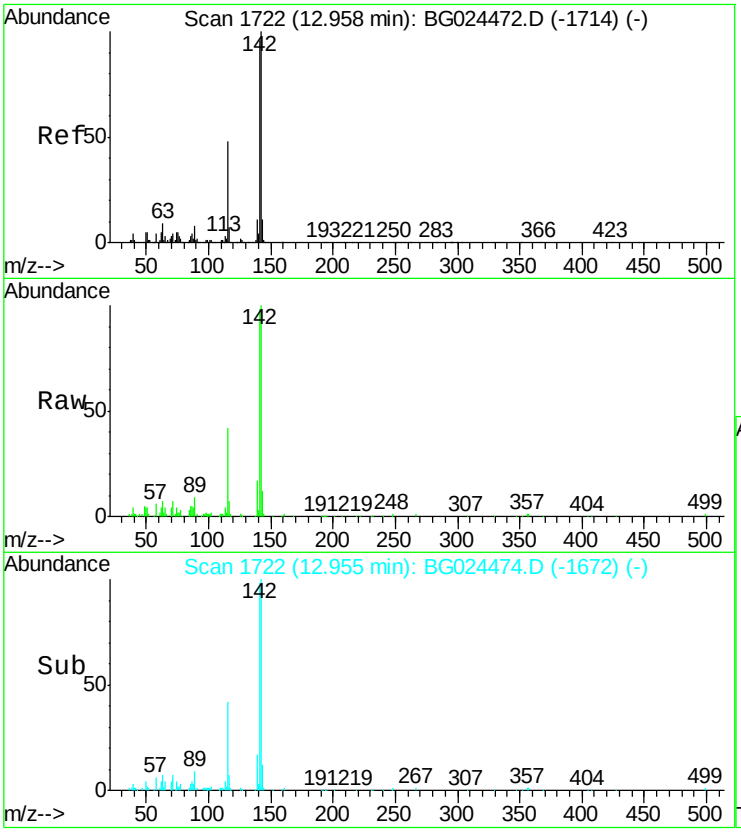
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024474.D
Acq On : 20 Oct 2016 22:31
Operator : UM/SJ
Sample : MDL-01-S-ML
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-01-S-ML

Quant Time: Oct 21 17:50:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 17:27:43 2016
Response via : Initial Calibration



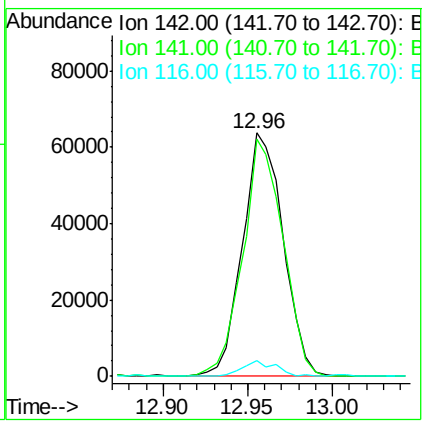


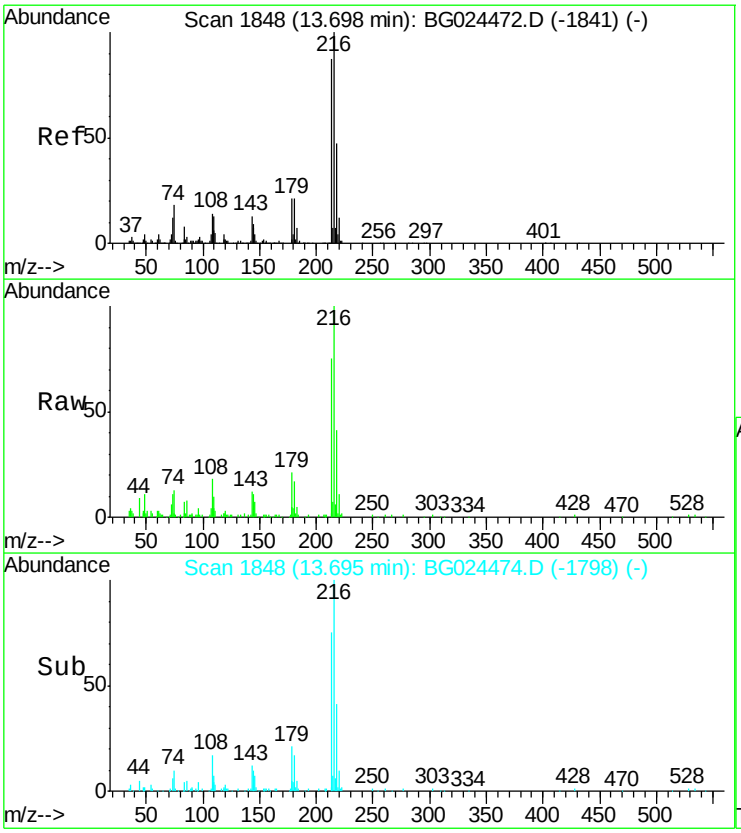
#12
1-Methylnaphthalene
Concen: 3.34 ng/ul
RT: 12.96 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG024474.D
Acq: 20 Oct 2016 22:31

Instrument :
BNA_G
ClientSampleId :
MDL-01-S-ML

Tgt Ion:142 Resp: 107084

Ion	Ratio	Lower	Upper
142	100		
141	97.7	74.9	112.3
116	6.6	3.1	4.7#

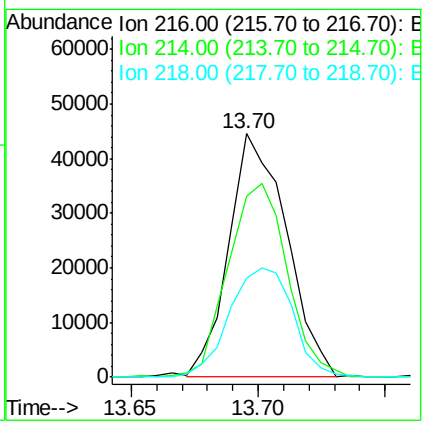


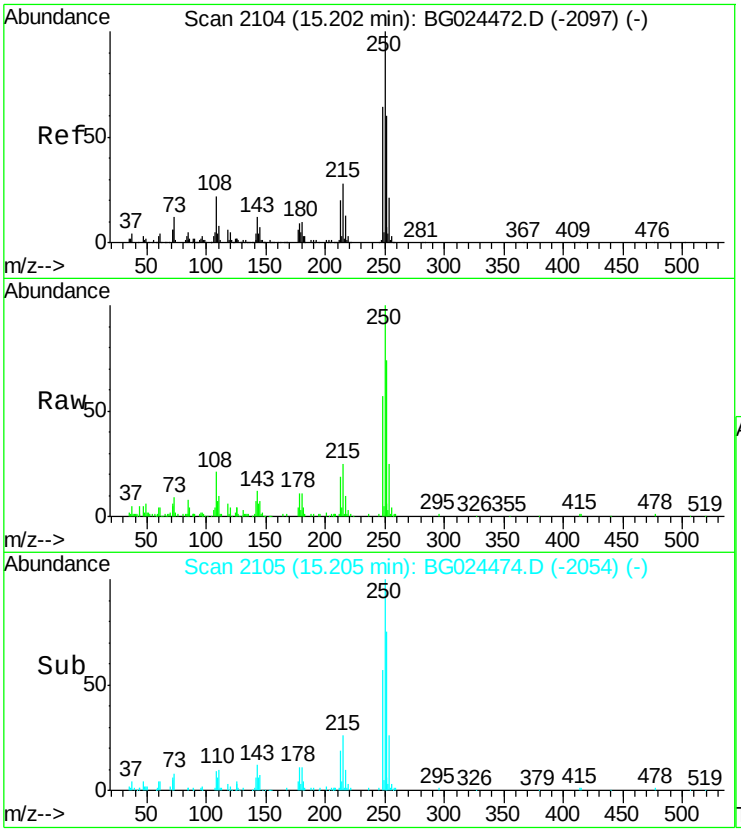


#21
1,2,3,4-Tetrachlorobenzene
Concen: 3.26 ng/uL
RT: 13.70 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BG024474.D
Acq: 20 Oct 2016 22:31

Tgt Ion:216 Resp: 70613

Ion	Ratio	Lower	Upper
216	100		
214	74.5	62.5	93.7
218	40.5	38.4	57.6



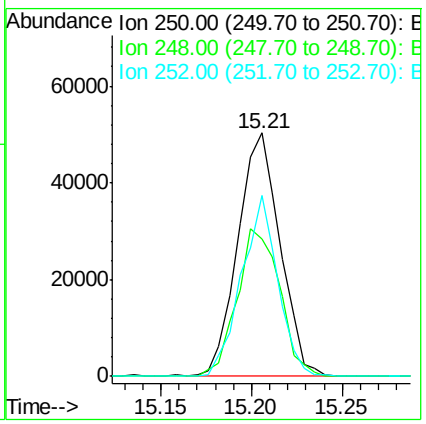


#22
Pentachlorobenzene
Concen: 3.58 ng/uL
RT: 15.21 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG024474.D
Acq: 20 Oct 2016 22:31

Instrument :
BNA_G
ClientSampleId :
MDL-01-S-ML

Tgt Ion:250 Resp: 81279

Ion	Ratio	Lower	Upper
250	100		
248	56.6	50.6	75.8
252	74.4	51.4	77.0



Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102016\
Data File : BG024474.D
Acq On : 20 Oct 2016 22:31
Operator : UM/SJ
Sample : MDL-01-S-ML
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-01-S-ML

Quant Time: Oct 21 17:50:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102016-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 21 17:27:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	192724	20.00	ng/ul	0.00
7) Naphthalene-d8	11.11	136	862622	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.89	164	701801	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.64	188	1416955	20.00	ng/ul	0.00
23) Chrysene-d12	21.93	240	1600218	20.00	ng/ul	0.00
25) Perylene-d12	25.38	264	1666926	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.64	96	23478	6.51	ng/uL	0.00
3) Phenol-d5	7.41	99	555948	31.72	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.59	67	364776	33.67	ng/ul	0.00
5) 2-Chlorophenol-d4	7.80	132	399647	32.41	ng/ul	0.00
6) 4-Methylphenol-d8	8.97	113	488299	33.40	ng/ul	0.00
8) Nitrobenzene-d5	9.46	128	219742	34.06	ng/ul	0.00
9) 2-Nitrophenol-d4	10.18	143	260270	34.65	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.72	165	487834	32.06	ng/ul	0.00
11) 4-Chloroaniline-d4	11.24	131	595226	37.60	ng/ul	0.00
14) Dimethylphthalate-d6	14.29	166	1516047	32.03	ng/ul	0.00
15) Acenaphthylene-d8	14.59	160	1833838	32.56	ng/ul	0.00
16) 4-Nitrophenol-d4	15.06	143	260874	32.24	ng/ul	0.00
17) Fluorene-d10	15.88	176	1443604	32.01	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.99	200	308456	32.57	ng/ul	0.00
20) Anthracene-d10	17.74	188	1992043	31.64	ng/ul	0.00
24) Pyrene-d10	20.01	212	2295357	33.02	ng/ul	0.00
26) Benzo(a)pyrene-d12	25.13	264	2434510	33.38	ng/ul	0.00
Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.96	142	107084	3.34	ng/ul#	96
21) 1,2,3,4-Tetrachlorobenzene	13.70	216	70613	3.26	ng/uL	93
22) Pentachlorobenzene	15.21	250	81279	3.58	ng/uL	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed